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BOROUGH OF WREXHAM

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

CHIEF PUBLIC HEALTH INSPECTOR

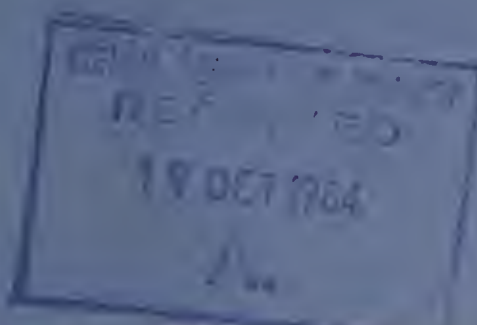
FOR THE YEAR 1963



H. SUMMERS,
M.SC., M.B., CH.B., D.P.H.
(Resigned September, 1963)

F. P. PEACH,
M.B., CH.B., D.P.H.
(Acting from October, 1963)

A. McCARTNEY,
F.A.P.H.I.



BOROUGH OF WREXHAM

Public Health Department,
1 Grosvenor Road,
WREXHAM.

(Tel. No. Wrexham 2103).

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HEALTH COMMITTEE

Chairman—Councillor W. H. EVANS

Vice-Chairman—Councillor L. WISE, B.Sc., M.B., CH.B.

Alderman C. O. JONES, B.A.
„ Mrs. C. JARVIS JONES
„ E. A. McMAHON
„ A. E. STABLER

His Worship The
Mayor, Councillor R. S. CRAIG, J.P.

Councillor EDWARD DAVIES, J.P.

„ SILAS DAVIES
„ H. GRIFFITHS
„ C. HUGHES
„ C. JACKSON
„ J. LLOYD JONES
„ J. G. LINDSAY
„ G. H. PARRY
„ E. PRICE, J.P.
„ R. ROBERTS
„ J. H. TAPLEY, B.E.M.
„ H. TAYLOR
„ BALDWIN WILLIAMS
„ Mrs. L. WISE, B.A.
„ W. WHITEHALL

STAFF OF THE
HEALTH DEPARTMENT FOR 1963

Medical Officer of Health:

H. SUMMERS, M.Sc., M.B., CH.B., D.P.H.
(Resigned September, 1963)

Acting Medical Officer of Health:

F. P. PEACH, M.B., CH.B., D.P.H.
(Acting from 1st October, 1963)

Chief Public Health Inspector and Abattoir Superintendent:

A. McCARTNEY, F.A.P.H.I.

Deputy Chief Public Health Inspector:

B. JONES, M.R.S.H., M.A.P.H.I.

Additional Public Health Inspectors:

G. J. REES, M.A.P.H.I.

G. KEELING
(Resigned March, 1963)

C. S. WENSLEY
(Resigned October, 1963)

D. T. OWEN, M.A.P.H.I.
(Commenced December, 1963)

Authorised Meat Inspector:

C. CATER
(Commenced May, 1963)

Articled Pupil Public Health Inspectors:

E. T. CREWE

R. N. SQUIRE

Clerical Staff to the Health Department:

Miss M. B. PARRY

Miss M. M. PARRY
(Resigned September, 1963)

Miss J. D. PRYDE
(Commenced September, 1963)

Miss B. BEAKS

Miss V. DYER
(Commenced October, 1963)

To the Chairman and Members of the Health Committee.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you the Annual Report for 1963.

Dr. Harry Summers resigned his appointment as Medical Officer to the Borough in August, 1963 to take up the appointment of Assistant Administrative Medical Officer to the Manchester Regional Hospital Board, and on his leaving I was appointed your Acting Medical Officer of Health as from 1st October, 1963.

The year has been an uneventful one, there being no major epidemic or other threat to the community health.

The Birth Rate has decreased to 17.6 per 1,000 as compared with last year when it stood at 18.7, whilst the Death Rate is 13.2 per 1,000 compared with 12.47 for 1962. Neither the Birth Rate nor the Death Rate for the Borough is however significantly unusual and are fairly representative of the average rates during the past decade.

The Stillbirth Rate at 21.5 per 1,000 is the lowest recorded since 1959 when the rate was 21.1. However, it is still high compared with the rate for England and Wales which is 17.3. The Principality as a whole is known to have a relatively high stillbirth rate, the cause of which is as yet obscure.

I am satisfied that the standard of Obstetrical Care in Denbighshire is first class and comparable to any in this Country, but there does not appear to be any obvious social or nutritional factors to account for this phenomena.

The number of cases of Pulmonary Tuberculosis notified has shown a fall since 1960 and for the first time on record there have been no deaths from this disease within the Borough. This is gratifying and highlights the great advances made in the treatment of this disease in recent times.

May I in conclusion Mr. Chairman, Ladies and Gentlemen, say how conscious I am of the honour paid to me in being asked to serve the Borough of Wrexham for the second time and thank the Chairman and the Committee for the confidence placed in me and the help and guidance I have received to make my daily work both fruitful and congenial. I should also like to thank my fellow officers for the help and co-operation and the staff of the Health Department for their loyalty and ready assistance.

Dr. Gareth Williams is responsible for the Welsh translation of this foreword and to him I express my thanks.

F. P. PEACH,
Acting Medical Officer of Health

1 GROSVENOR ROAD,
WREXHAM

At Gadeirydd ac Aelodau'r Pwyllgor Iechyd.

Mr. Cadeirydd, Foneddigesau a Boneddigion:

Diolchaf am y fraint o gael cyflwyno i chwi yr Adroddiad Blynnyddol am y flwyddyn 1963.

Ymddiswyddodd Dr. Harry Summers fel Swyddog Meddygol i'r Fwrdeisdref ym Mis Awst 1963, i gymryd i fyny ei swydd newydd fel Swyddog Meddygol Gweinyddol i Fwrdd Ysbytai Rhanbarthol Manceinion; ac ar ei ymadawiad penodwyd fi i weithredu fel eich Swyddog Meddygol o Hydref 1af, 1963 ymlaen.

Bu'r flwyddyn ar y cyfan yn ddiddigwyddiad. Ni chafwyd haint arbennig o'r un math, na bygythiad arall i iechyd y cyhoedd.

Gostyngodd y Cyfradd Genedigaeth i 17.6 y mil, i'w gymharu a'r ffigur o 18.7 am y flwyddyn 1962. 13.2 y mil oedd y Cyfradd Marwolaeth i'w gymharu a 12.47 am 1962. Nid oes dim yn arwyddocaol i'w nodi yn y ffigurau uchod o'u cymharu a'r ffigurau cyfartalog am y dengmlwydd diwethaf.

Y Cyfradd Marw-enedigaeth, sef 21.5 y mil, yw yr isaf ers y flwyddyn 1959 pan oedd yn 21.1 y mil. Er hynny, mae yn dal yn uchel i'w gymharu a chyfartaledd Lloegr a Chymru—sef 17.3 y mil. Mae'r Dywysogaeth ar y cyfan yn dangos Cyfradd Marw-enedigaeth uchel i'w gymharu a gweddill Prydain, ac mae'r rhesymau am hyn yn dal yn anhysbys.

Yr wyf yn fodlon bod safon Gofal Obstetreg yn Sir Ddinbych o'r radd flaenaf, a chystal ac unrhyw ran arall o'r wlad hon. Ymddengys nad oes unrhyw elfenau gwrthwynebus, cymdeithasol neu faethol, yn gyfrifol am hyn.

Er 1960 bu lleihad yn nifer y rhai sydd yn dioddef o Ddarfodedigaeth yr Ysgyfaint, ac am y tro cyntaf ar gofnod, ni bu un marwolaeth o'r achos hwn yn y Fwrdeisdref. Mae hyn yn foddhaol iawn ac yn llewyrchu y symudiadau enfawr a wnaethpwyd yn nhriniaeth y clefyd hwn yn y blynnyddoedd diweddaraf.

I ddiweddu, Mr. Cadeirydd, Foneddigesau a Boneddigion, dymunaf fynegi mor ymwybodol wyf o'r anrhydedd a deimlais pan ofynwyd imi wasanaethu'r Fwrdeisdref am yr eildro. Diolchaf i'r Cadeirydd a'r Pwyllgor am ymddiried yn of, ac am y cymorth a'r cyfarwyddiad a dderbynais i wneuthur fy ngwaith dyddiol yn ffrwythlon a hynaws. Buaswn hefyd yn hoffi diolch i fy nghydswyddogion am eu cydweithrediad; a gweithwyr eraill yr Adran Iechyd am eu teyrngarwch a'u cymorth parod.

Bu Dr. Gareth Williams yn gyfrifol am drosi'r rhagair yma i'r Gymraeg, a diolchaf iddo ef am y gwaith hwn.

GENERAL STATISTICS

| | |
|--|---------------------|
| Area | 2,916 Acres |
| Population (Registrar General's Estimate) | 36,120 (Mid Annual) |
| Rateable Value of the Borough, April, 1963 | £1,179,946 |
| Estimated Product of a Penny Rate. 1963/4 | £4,675 |
| Estimated Product of a Penny Rate. 1964/5 | £4,800 |
| No. of Dwellings (1st April, 1963) | 11,009 |
| No. of Council Dwellings (1st April, 1963) | 5,306 |
| Density of Persons per Dwelling | 3.3 |

POPULATION TRENDS SINCE 1948

| <i>Year</i> | <i>Population</i> | | <i>Annual Increase /Decrease</i> | <i>Natural Increase</i> | |
|-------------|-------------------|------------------|--|-----------------------------|-----|
| 1948 | 29,100 | Estimated Figure | + | 650 | 272 |
| 1949 | 29,710 | Estimated Figure | + | 610 | 215 |
| 1950 | 30,470 | Estimated Figure | + | 760 | 206 |
| 1951 | 30,940 | Census Figure | + | 470 | 164 |
| 1952 | 32,090 | Estimated Figure | + | 1150 | 209 |
| 1953 | 32,420 | Estimated Figure | + | 330 | 196 |
| 1954 | 32,290 | Estimated Figure | — | 130 | 200 |
| 1955 | 32,330 | Estimated Figure | + | 40 | 159 |
| 1956 | 32,810 | Estimated Figure | + | 480 | 257 |
| 1957 | 31,970 | Estimated Figure | — | 840 | 247 |
| 1958 | 32,650 | Estimated Figure | + | 680 | 269 |
| 1959 | 32,970 | Estimated Figure | + | 320 | 297 |
| 1960 | 32,590 | Estimated Figure | — | 380 | 196 |
| 1961 | 35,427 | Estimated Figure | + | 2837 | 315 |
| 1962 | 35,800 | Estimated Figure | + | 373 | 346 |
| 1963 | 36,120 | Estimated Figure | + | 320 | 292 |

EXTRACTS FROM VITAL STATISTICS

| | |
|---|--------|
| Population (R.G. Estimate Mid-Annual) | 36,120 |
| Comparability Factors: | |
| Deaths | 1.22 |
| Births | 0.93 |

BIRTHS

During the year there were 683 live births of which 347 were Males and 336 Females. This is a decrease of 29 as compared with the previous year.

The total number of illegitimate births was 26 of which 12 were Males and 14 Females. The total number of illegitimate births for 1962 was 39. The proportion of illegitimate births to total births was 3.8%.

| | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|---------------------------------|-------------|---------------|--------------|
| Live Births (Legitimate) | 335 | 322 | 657 |
| Live Births (Illegitimate) | 12 | 14 | 26 |
| | <u>347</u> | <u>336</u> | <u>683</u> |

| | |
|--|------|
| Birth Rate (Adjusted) per 1,000 population | 17.6 |
| England and Wales | 18.2 |

The Birth Rate (adjusted) for previous years and for 1963 is as follows:

| | | | |
|------------|-------|------------|------|
| 1952 | 17.1 | 1958 | 17.7 |
| 1953 | 15.46 | 1959 | 19.1 |
| 1954 | 15.18 | 1960 | 17.4 |
| 1955 | 15.9 | 1961 | 17.8 |
| 1956 | 16.9 | 1962 | 18.7 |
| 1957 | 18.3 | 1963 | 17.6 |

Stillbirths

There was a total of 15 stillbirths during the year, as compared with 16 during the previous year.

| | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|----------------------------------|-------------|---------------|--------------|
| Stillbirths (Legitimate) | 5 | 8 | 13 |
| Stillbirths (Illegitimate) | — | 2 | 2 |
| | <u>5</u> | <u>10</u> | <u>15</u> |

| | |
|--|------|
| Stillbirth Rate per 1,000 population | 0.4 |
| Stillbirth Rate per 1,000 total (Live and Stillbirths) | 21.5 |
| England and Wales | 17.3 |

The following table shows the number of stillbirths, the stillbirth rate per 1,000 live and stillbirths and per 1,000 population for the last 12 years.

| <i>Year</i> | <i>No. of Stillbirths</i> | <i>Rate per 1,000 Live and Stillbirths</i> | <i>Rate per 1,000 Population</i> |
|-------------|---------------------------|--|----------------------------------|
| 1952 | 10 | 17.2 | 0.31 |
| 1953 | 15 | 28.1 | 0.46 |
| 1954 | 15 | 27.0 | 0.46 |
| 1955 | 14 | 25.7 | 0.43 |
| 1956 | 11 | 18.9 | 0.33 |
| 1957 | 17 | 28.1 | 0.53 |
| 1958 | 15 | 24.5 | 0.5 |
| 1959 | 14 | 21.1 | 0.4 |
| 1960 | 20 | 33.2 | 0.6 |
| 1961 | 21 | 30.3 | 0.6 |
| 1962 | 16 | 21.9 | 0.4 |
| 1963 | 15 | 21.5 | 0.4 |

Total Births

By adding together the Live and Stillbirths, the total number of Births in 1963 is found to be 698, distributed thus:

| | | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|---------------------------|-------|-------------|---------------|--------------|
| Total Legitimate Births | ..... | 340 | 330 | 670 |
| Total Illegitimate Births | ..... | 12 | 16 | 28 |
| Total of all Births | ..... | 352 | 346 | 698 |

DEATHS

The total number of deaths of Borough residents during the year was 391. This figure is 25 more than occurred in 1962. The total number of Males who died was 199 and Females 192.

| | | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|---|-------|-------------|---------------|--------------|
| | | 199 | 192 | 391 |
| Death Rate (adjusted, per 1,000 population) | ..... |  |  | 13.2 |
| England and Wales | ..... |  |  | 12.2 |

The adjusted Death Rate (taking the comparability factor into consideration) is 13.2. The Death Rate for England and Wales is 12.2.

The Death Rate for previous years and for 1963 is as follows:

| | | | | | |
|------|-------|-------|------|-------|-------|
| 1952 | ..... | 11.95 | 1958 | ..... | 11.5 |
| 1953 | ..... | 10.49 | 1959 | ..... | 12.3 |
| 1954 | ..... | 11.16 | 1960 | ..... | 13.7 |
| 1955 | ..... | 12.16 | 1961 | ..... | 12.15 |
| 1956 | ..... | 10.8 | 1962 | ..... | 12.47 |
| 1957 | ..... | 10.6 | 1963 | ..... | 13.2 |

The following table gives causes of death:

| <i>Causes</i> | | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|---|-------|-------------|---------------|--------------|
| 1. Tuberculosis, respiratory | ..... | — | — | — |
| 2. Tuberculosis, other | ..... | — | — | — |
| 3. Syphilitic disease | ..... | — | — | — |
| 4. Diphtheria | ..... | — | — | — |
| 5. Whooping Cough | ..... | — | — | — |
| 6. Meningococcal Infection | ..... | — | — | — |
| 7. Acute Poliomyelitis | ..... | — | — | — |
| 8. Measles | ..... | — | — | — |
| 9. Other infective and parasitic diseases | ..... | 1 | — | 1 |
| 10. Malignant neoplasm, Stomach | ..... | 6 | 5 | 11 |
| 11. Malignant neoplasm, Lung, Bronchus | ..... | 10 | 2 | 12 |
| 12. Malignant neoplasm, Breast | ..... | 1 | 9 | 10 |
| 13. Malignant neoplasm, Uterus | ..... | — | 3 | 3 |
| 14. Other malignant and lymphatic neoplasms | ..... | 24 | 17 | 41 |

| | | | |
|--|-----|-----|-----|
| 15. Leukaemia, aleukaemia | — | 2 | 2 |
| 16. Diabetes | 1 | 2 | 3 |
| 17. Vascular lesions of nervous system | 27 | 41 | 68 |
| 18. Coronary disease, angina | 35 | 21 | 56 |
| 19. Hypertension with heart disease | 2 | 3 | 5 |
| 20. Other heart disease | 19 | 26 | 45 |
| 21. Other circulatory diseases | 7 | 7 | 14 |
| 22. Influenza | — | — | — |
| 23. Pneumonia | 9 | 14 | 23 |
| 24. Bronchitis | 10 | 6 | 16 |
| 25. Other diseases of the respiratory system | 5 | 1 | 6 |
| 26. Ulcer of stomach and duodenum | 3 | 2 | 5 |
| 27. Gastritis, enteritis and diarrhoea | 1 | 2 | 3 |
| 28. Nephritis, nephrosis | 4 | 3 | 7 |
| 29. Hyperplasia of prostate | 4 | — | 4 |
| 30. Pregnancy, childbirth, abortion | — | — | — |
| 31. Congenital malformations | 3 | 2 | 5 |
| 32. Other defined and illdefined diseases | 15 | 20 | 35 |
| 33. Motor vehicle accidents | 7 | 1 | 8 |
| 34. All other accidents | 5 | 1 | 6 |
| 35. Suicides..... | — | 1 | 1 |
| 36. Homicide and operations of war | — | 1 | 1 |
| | 199 | 192 | 391 |

Infant Mortality

During the year 15 infants died under the age of 1 year, as compared with 16 for the previous year.

| | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|--------------------|-------------|---------------|--------------|
| Legitimate | 8 | 6 | 14 |
| Illegitimate | — | 1 | 1 |
| | 8 | 7 | 15 |

| | |
|---|------|
| Infant Mortality Rate per 1,000 live births (total) | 22.0 |
| Infant Mortality Rate per 1,000 live births (Legitimate) | 21.3 |
| Infant Mortality Rate per 1,000 live births (Illegitimate)..... | 38.5 |
| England and Wales | 20.9 |

The Infant Mortality Rate for previous years and for 1963 is as follows:

| | | | |
|------------|-------|------------|------|
| 1952 | 35.02 | 1958 | 26.8 |
| 1953 | 32.9 | 1959 | 30.8 |
| 1954 | 18.6 | 1960 | 18.9 |
| 1955 | 30.18 | 1961 | 13.4 |
| 1956 | 22.8 | 1962 | 22.5 |
| 1957 | 27.2 | 1963 | 22.0 |

The following table gives causes of death occurring in infants under 1 year:

| Age | Sex | | Causes of Death |
|-----------|------|--------|--|
| | Male | Female | |
| 1 hour | | 1 | Prematurity |
| 24 hours | 1 | | Prematurity |
| 25 hours | | 1 | Prematurity |
| 2 days | | 1 | Atelectasis (Collapse of lung) |
| 2 days | 1 | | Congenital heart disease |
| 2 days | 1 | | Congenital abnormalities |
| 1 week | | 1 | Prematurity |
| 1 week | 1 | | Peritonitis |
| 2 weeks | | 1 | Meningitis |
| 1 month | | 1 | Gastro enteritis |
| 2 months | 1 | | Broncho pneumonia |
| 2 months | | 1 | Acute bilateral broncho pneumonia |
| 6 months | 1 | | Broncho pneumonia |
| 10 months | 1 | | Shock from multiple scalds of the face, neck and chest |
| 11 months | 1 | | Broncho pneumonia |

Neo-Natal Deaths

This represents the number of deaths occurring in infants under the age of 4 weeks. There were 9 deaths in all, 4 being Males and 5 Females.

| | Male | Female | Total |
|--------------------|------|--------|-------|
| Legitimate | 4 | 4 | 8 |
| Illegitimate | — | 1 | 1 |
| | 4 | 5 | 9 |

Neo-Natal Death Rate per 1,000 live births 13.2

Early Neo-Natal Deaths

This represents the number of deaths occurring in infants under the age of 1 week. There were 6 deaths in all, 3 being Males and 3 Females.

| | Male | Female | Total |
|--------------------|------|--------|-------|
| Legitimate | 3 | 3 | 6 |
| Illegitimate | — | — | — |
| | 3 | 3 | 6 |

Early Neo-Natal Death Rate per 1,000 live births 8.8

Perinatal Mortality Rate

This represents the number of stillbirths and deaths under 1 week combined per 1,000 total live and stillbirths.

| | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|--------------------|-------------|---------------|--------------|
| Legitimate | 8 | 11 | 19 |
| Illegitimate | — | 2 | 2 |
| | 8 | 13 | 21 |

Perinatal Mortality Rate per 1,000 total live and stillbirths 30.1

Maternal Mortality

There were no deaths due to childbirth during the year.

Cancer Deaths

There were 77 deaths from Cancer during the year, as compared with 78 in 1962. The Cancer deaths have increased by 1 in Males and decreased by 2 in Females.

The ratio of Cancer deaths to total deaths is 1: 5.1 as compared with 1: 4.7 in 1962. The percentage of Cancer deaths to total deaths is 19.7

| | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|-------------------------|-------------|---------------|--------------|
| Stomach | 6 | 5 | 11 |
| Lung and Bronchus | 10 | 2 | 12 |
| Breast | 1 | 9 | 10 |
| Uterus | — | 3 | 3 |
| Others | 24 | 17 | 41 |
| | 41 | 36 | 77 |

The total number of Cancer deaths and the percentage of Cancer deaths to total deaths since 1952 is shown in the following table:

| Year | Total No. of Deaths | Cancer deaths | | | Percentage of Cancer Deaths to Total Deaths |
|------|------------------------|---------------|--------|-------|--|
| | | Male | Female | Total | |
| 1952 | 362 | 32 | 21 | 53 | 14.6 |
| 1953 | 321 | 26 | 24 | 50 | 15.6 |
| 1954 | 339 | 35 | 24 | 59 | 17.4 |
| 1955 | 371 | 40 | 19 | 59 | 15.9 |
| 1956 | 313 | 31 | 31 | 62 | 19.8 |
| 1957 | 341 | 33 | 23 | 56 | 16.1 |
| 1958 | 327 | 38 | 29 | 67 | 20.5 |
| 1959 | 353 | 35 | 37 | 72 | 20.4 |
| 1960 | 387 | 40 | 30 | 70 | 18.1 |
| 1961 | 356 | 48 | 35 | 83 | 23.3 |
| 1962 | 366 | 40 | 38 | 78 | 21.3 |
| 1963 | 391 | 41 | 36 | 77 | 19.7 |

Heart Disease

Heart disease was responsible for 120 deaths. Of these 63 were Males and 57 Females. The percentage of deaths from Heart Disease to total deaths is 30.7 as compared with 29.4 in 1962.

Pulmonary Causes

There were 45 deaths from Pulmonary causes during the year. Twenty-three were due to Pneumonia and 16 due to Bronchitis. No deaths were attributable to Pulmonary Tuberculosis.

Respiratory Disease

| | | | | Male | Female | Total |
|------------------|-------|-------|-------|------|--------|-------|
| T.B. Respiratory | ..... | ..... | ..... | — | — | — |
| Pneumonia | ..... | ..... | ..... | 9 | 14 | 23 |
| Bronchitis | ..... | ..... | ..... | 10 | 6 | 16 |
| Influenza | ..... | ..... | ..... | — | — | — |
| Others | ..... | ..... | ..... | 5 | 1 | 6 |
| | | | | 24 | 21 | 45 |

NOTIFIABLE INFECTIOUS DISEASES

During the year 560 notifications of infectious diseases were received. Of these 472 were Measles.

Measles. The epidemic which commenced in the Autumn of 1962 continued unabated during the first quarter of 1963. Of the 472 cases notified during the year, 368 occurred during this first quarter.

Scarlet Fever. The number of cases notified was 11 as compared with 4 for the year 1962. This disease still occurs in a comparatively mild form with far less serious sequelae than previously encountered.

Dysentery. During the year 13 cases of Dysentery were notified, all except one occurring in infants and school-children.

Poliomyelitis. No case of Poliomyelitis occurred during the year.

Diphtheria. For the thirteenth successive year no case of Diphtheria was notified within the Borough.

Food Poisoning. During the year no case occurred.

Para-Typhoid Fever. One case was notified, this occurring in a man of 60 years from Flintshire, who developed the disease three days after being admitted to hospital in Wrexham, for operation. He must therefore, have been incubating the disease prior to admission. Subsequent investigation failed to reveal the source. The patient unfortunately died from another unrelated cause.

Para-Typhoid Fever, clinically and epidemiologically does not constitute as serious a problem as Typhoid Fever. Should any case be notified however, all precautions are taken with regard to establishing the source of infection and preventing spread of the disease amongst the community.

Tuberculosis. Eighteen cases of Pulmonary Tuberculosis were notified during the year. One case of Non-Pulmonary Tuberculosis was also notified.

There were no deaths from Tuberculosis throughout the year. During the past decade, mortality from this disease has decreased significantly due to the introduction of specific chemotherapeutic drugs. However, the incidence has not fallen so dramatically and the number of cases notified is still high enough to warrant serious consideration, particularly with regard to controlling the spread within the community.

The following table shows the number of cases on the Tuberculosis Register on the 1st January and the 31st December, 1963:

| | <i>Pulmonary</i> | | | <i>Non-Pulmonary</i> | | |
|--------------------|------------------|---------------|--------------|----------------------|---------------|--------------|
| | <i>Male</i> | <i>Female</i> | <i>Total</i> | <i>Male</i> | <i>Female</i> | <i>Total</i> |
| 1st January, 1963 | 136 | 94 | 230 | 14 | 24 | 38 |
| 31st December 1963 | 130 | 88 | 218 | 13 | 19 | 32 |

NOTIFIABLE INFECTIOUS DISEASES

| <i>Disease</i> | <i>Rates per 1,000 Population</i> | | | |
|-------------------------------|-----------------------------------|------|---------------|------|
| | <i>Notification</i> | | <i>Deaths</i> | |
| Dysentery | 13 | 0.4 | — | — |
| Typhoid | — | — | — | — |
| Paratyphoid | 1 | 0.02 | — | — |
| Meningococcal Infection | 4 | 0.1 | 1 | 0.02 |
| Scarlet Fever | 11 | 0.3 | — | — |
| Whooping Cough | 27 | 0.7 | — | — |
| Diphtheria | — | — | — | — |
| Erysipelas | 1 | 0.02 | — | — |
| Smallpox | — | — | — | — |
| Measles | 472 | 13.1 | — | — |
| Pneumonia | 3 | 0.08 | 23 | 0.6 |
| Acute Poliomyelitis | — | — | — | — |
| Acute Paralytic | — | — | — | — |
| Acute Non-paralytic | — | — | — | — |
| Tuberculosis, Pulmonary | 18 | 0.5 | — | — |
| Tuberculosis, other | 1 | 0.02 | — | — |
| Food Poisoning | — | — | — | — |

NOTIFIABLE INFECTIOUS DISEASES IN 1963
(Arranged according to age)

| <i>Disease</i> | <i>Under 1</i> | <i>1 to 2</i> | <i>3 to 4</i> | <i>5 to 9</i> | <i>10 to 14</i> | <i>15 to 44</i> | <i>45 to 64</i> | <i>65 Plus</i> | <i>Total</i> |
|-------------------------|--------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|--------------------|--------------|
| Smallpox | — | — | — | — | — | — | — | — | — |
| Diphtheria | — | — | — | — | — | — | — | — | — |
| Scarlet Fever | — | 1 | 3 | 6 | 1 | — | — | — | 11 |
| Pneumonia | — | — | — | — | — | 1 | 1 | 1 | 3 |
| Erysipelas | — | — | — | — | — | 1 | — | — | 1 |
| Meningococcal Infection | 2 | 2 | — | — | — | — | — | — | 4 |
| Poliomyelitis | — | — | — | — | — | — | — | — | — |
| Encephalitis Lethargica | — | — | — | — | — | — | — | — | — |
| Dysentery | 1 | 4 | 1 | 3 | 3 | 1 | — | — | 13 |
| Typhoid & Paratyphoid | — | — | — | — | — | — | 1 | — | 1 |
| Puerperal Pyrexia | — | — | — | — | — | 9 | — | — | 9 |
| Ophthalmia Neonatorum | — | — | — | — | — | — | — | — | — |
| Measles | 24 | 127 | 158 | 159 | 4 | — | — | — | 472 |
| Whooping Cough | 2 | 7 | 7 | 10 | 1 | — | — | — | 27 |
| Food Poisoning | — | — | — | — | — | — | — | — | — |
| Tuberculosis, Pulmonary | — | — | — | 1 | — | 6 | 7 | 4 | 18 |
| Tuberculosis, Other | — | — | — | — | — | — | 1 | — | 1 |
| TOTALS | 29 | 141 | 169 | 179 | 9 | 18 | 10 | 5 | 560 |

TUBERCULOSIS CASES NOTIFIED DURING THE YEAR
(Arranged according to age)

| <i>Age Group</i> | <i>Pulmonary</i> | | <i>Non-Pulmonary</i> | |
|------------------|------------------|---------------|----------------------|---------------|
| | <i>Male</i> | <i>Female</i> | <i>Male</i> | <i>Female</i> |
| 0—1 | — | — | — | — |
| 1—4 | — | — | — | — |
| 5—9 | — | 1 | — | — |
| 10—14 | — | — | — | — |
| 15—19 | — | — | — | — |
| 20—24 | 1 | — | — | — |
| 25—34 | 2 | 1 | — | — |
| 35—44 | 1 | 1 | — | — |
| 45—54 | 2 | 1 | — | 1 |
| 55—64 | 3 | 1 | — | — |
| 65 Plus | 3 | 1 | — | — |
| TOTALS | 12 | 6 | — | 1 |

The following table shows the number of Lung Tuberculosis cases notified and the rate per 1,000 population, and the deaths due to Lung Tuberculosis and rate per 1,000 population since 1952.

| <i>Year</i> | <i>No. of Cases</i> | <i>Case Rate per 1,000 Population</i> | <i>No. of Deaths</i> | <i>Death Rate per 1,000 Population</i> |
|-------------|---------------------|---------------------------------------|----------------------|--|
| 1952 | 46 | 1.4 | 4 | 0.1 |
| 1953 | 50 | 1.5 | 5 | 0.2 |
| 1954 | 31 | 0.9 | 6 | 0.2 |
| 1955 | 24 | 0.7 | 1 | 0.03 |
| 1956 | 20 | 0.6 | 1 | 0.03 |
| 1957 | 23 | 0.7 | 4 | 0.1 |
| 1958 | 14 | 0.4 | 3 | 0.09 |
| 1959 | 27 | 0.8 | 2 | 0.06 |
| 1960 | 27 | 0.8 | 6 | 0.2 |
| 1961 | 17 | 0.5 | 3 | 0.08 |
| 1962 | 15 | 0.4 | 4 | 0.1 |
| 1963 | 18 | 0.5 | — | — |

IMMUNISATION AND VACCINATION

Triple Antigen (Diphtheria, Whooping Cough and Tetanus).

Three-hundred-and-ninety-two infants under the age of one year were immunised against these diseases within the Borough during the year, representing a ratio of 57% to the number of live births. This shows an increase on the previous years figure which was 52% of the number of live births.

Booster doses of triple antigen were also given to infants, mainly between the ages of 18 months and 2 years.

The following table summarises the protection afforded to the various age groups:

| <i>Type of Vaccine</i> | <i>Initial Protection</i> | | | <i>Booster Protection</i> | |
|------------------------|---------------------------|-----------|------------|---------------------------|------------|
| | 0—1 year | 2—4 years | 5—15 years | 0—4 years | 5—15 years |
| Triple Antigen | 392 | 72 | 5 | 272 | — |
| Diphtheria and Tetanus | 12 | 7 | 3 | — | — |
| Diphtheria Only | 10 | — | — | — | 101 |

Poliomyelitis Vaccination

Primary and "Booster" vaccination with oral (Sabin) vaccine was carried out at the Infant Welfare Clinics and Schools within the Borough. Evening clinics were held throughout the year for those of the adult population who wished to take advantage of this oral vaccine.

The following table summarises the protection afforded:

| Primary Course of Three Oral Doses | | | | | |
|------------------------------------|----------------------|-----------------------|------------------------|------------------------|--------------------------|
| <i>Under 1 year</i> | <i>1—4 years</i> | <i>5—14 years</i> | <i>15—25 years</i> | <i>25—40 years</i> | <i>Over 40 years</i> |
| 322 | 106 | 23 | 14 | 39 | 14 |

| | |
|--|-----|
| Receiving 1 oral booster after 2 injections | 105 |
| Receiving 1 oral booster after 3 injections | 235 |
| Receiving 1 oral booster after 2 injections and 1 oral | 326 |

Smallpox Vaccination

During the early part of the year the Ministry of Health issued a directive that vaccination should only be offered to children as a routine measure during the second year of life. It had previously been the practice to vaccinate all infants at the age of 6-8 weeks. Because of the time lapse involved, the number of children receiving primary vaccination during 1963 was therefore unusually low.

| Number Receiving Primary Vaccination | | | | | Number Re-Vaccinated | | |
|--------------------------------------|----------------------|----------------------|-----------------------|--------------------------|----------------------|-----------------------|--------------------------|
| <i>Under 1 year</i> | <i>1—2 years</i> | <i>2—4 years</i> | <i>5—14 years</i> | <i>Over 15 years</i> | <i>0—4 years</i> | <i>5—15 years</i> | <i>Over 15 years</i> |
| 16 | 85 | 6 | 9 | 16 | — | 6 | 31 |

CARE OF THE AGED

One of the most significant sequelae of the Welfare State has been the greatly increased proportion of elderly people in the populace. This proportion continues to rise annually.

Care of the aged thus imposes an increasingly heavy burden on the various Social and Health Services, whose main function is to enable old people to maintain their independence within the community.

The agencies available to help the aged in this respect are many and varied, as can be seen below:

1. The Health Visiting Service

Support and supervision in appropriate cases is given by the Health Visitors. In the Borough during 1963 a total of 461 visits were made to persons aged 65 or over.

2. Home Nursing Service

The District Nurses are available to supplement the care given by the General Practitioner in cases of sickness.

3. Meals on Wheels

This provides an extremely valuable service and in Wrexham is carried out by the Women's Voluntary Service. Approximately 50 meals are provided per week in this manner.

4. Home Helps

A very high proportion of the time given by Home Helps is devoted to old people. In Wrexham during 1963, out of a total of 192 cases who were afforded help in this manner, 142 were aged 65 or over.

HOUSING

The following table shows the number of applicants for Council Houses as at December, 1963.

| | | | | |
|--------------------------------------|-------|-------|-------|-----------------|
| Apartments | | | | |
| 1. Residing in the Borough | ..... | ..... | ..... | 503 |
| 2. Residing outside the Borough..... | ..... | ..... | ..... | 9 |
| Householders | | | | |
| 1. Residing in the Borough | ..... | ..... | ..... | 285 |
| 2. Residing outside the Borough..... | ..... | ..... | ..... | 57 |
| <i>Total</i> | | | | <hr/> 854 <hr/> |

Details of Slum Clearance progress are given in the Chief Public Health Inspector's section of the report.

WATER

During the year 14 samples of the town's water supply were taken at various points and submitted for bacteriological examination. All samples were reported satisfactory.

GENERAL HEALTH SERVICES IN THE AREA

Hospital Accommodation

| | | | | | | |
|------------------------|-------|-------|-------|-------|-------|-------------|
| War Memorial Hospital: | | | | | | <i>Beds</i> |
| General Medicine | ..... | ..... | ..... | ..... | ..... | 30 |
| General Surgery | ..... | ..... | ..... | ..... | ..... | 72 |
| Ear, Nose and Throat | ..... | ..... | ..... | ..... | ..... | 24 |
| Ophthalmology | ..... | ..... | ..... | ..... | ..... | 10 |
| Orthopaedic | ..... | ..... | ..... | ..... | ..... | 38 |
| Private | ..... | ..... | ..... | ..... | ..... | 8 |
| Unclassified | ..... | ..... | ..... | ..... | ..... | 21 |

Maelor General Hosital:

| | | | | | | |
|------------------------|-------|-------|-------|-------|-------|-----|
| General Medicine | ..... | ..... | ..... | ..... | ..... | 50 |
| General Surgery | ..... | ..... | ..... | ..... | ..... | 106 |
| Paediatric Unit | ..... | ..... | ..... | ..... | ..... | 55 |
| Geriatric Unit | ..... | ..... | ..... | ..... | ..... | 76 |
| Obstetric Unit | ..... | ..... | ..... | ..... | ..... | 56 |
| Gynaecology | ..... | ..... | ..... | ..... | ..... | 44 |
| Special Care of Babies | ..... | ..... | ..... | ..... | ..... | 24 |
| Diseases of the Chest | ..... | ..... | ..... | ..... | ..... | 6 |
| Ophthalmology | ..... | ..... | ..... | ..... | ..... | 6 |
| Dermatology | ..... | ..... | ..... | ..... | ..... | 6 |
| Dentistry | ..... | ..... | ..... | ..... | ..... | 4 |
| Social Welfare | ..... | ..... | ..... | ..... | ..... | 37 |
| Unclassified | ..... | ..... | ..... | ..... | ..... | 27 |
| Infectious Diseases | ..... | ..... | ..... | ..... | ..... | 30 |
| Private | ..... | ..... | ..... | ..... | ..... | 6 |

CLINICS

Orthopaedic

The diagnosis and After-Care treatment of Orthopaedic cases is carried out at the Wrexham and East Denbighshire War Memorial Hospital, supplemented by institutional treatment at the Robert Jones and Agness Hunt Orthopaedic Hospital, Gobowen.

Venereal Disease Clinic

A Venereal Disease Clinic is established at the Out-Patients Department of the War Memorial Hospital.

Infant Welfare Clinics

Infant Welfare Clinics are held at four centres weekly within the Borough.

| | |
|--|--------------------------------|
| Gatefield, Kings Mills Road..... | Tuesday Afternoon |
| No. 1 Grosvenor Road | Monday and Wednesday Afternoon |
| Garden Village Institute Kenyon Avenue | Wednesday Afternoon |
| Queen's Park..... | Monday and Thursday Afternoon |

Ante-Natal Clinics

Ante-Natal Clinics are held weekly within the Borough at the Maternity Unit, Maelor General Hospital, on Tuesday, Wednesday and Thursday mornings. Relaxation Clinics are held by appointment at number 1 Grosvenor Road and at Queen’s Park Clinic.

Eye Clinic

An eye clinic is held by appointment at No. 1 Grosvenor Road.

Family Planning Clinic

A Family Planning Clinic is held each Thursday afternoon at No. 1 Grosvenor Road.

Speech Therapy

Speech Therapy Clinics are held daily at No. 1 Grosvenor Road, Gatefield and Queen’s Park Clinic by appointment.

Chiropody Service

A Chiropody Clinic is held at 1 Grosvenor Road, Gatefield and Queen’s Park clinic for the “Old People” by appointment.

Dental Clinics

Dental Clinics are held at 1 Grosvenor Road and Queen’s Park Clinic as follows:

No. 1 Grosvenor Road

- Maternal and Child Welfare patients.....Monday
- Fillings.....Monday, Wednesday and Friday
- Orthodontics.....Alternate Tuesdays and every Thursday
- Casual Attenders.....Tuesday and Friday

Queen’s Park Clinic

- Fillings.....Monday, Tuesday, Wednesday and Friday
- Casual Attenders.....Thursday

ANNUAL REPORT OF THE
CHIEF PUBLIC HEALTH INSPECTOR
FOR THE YEAR 1963

To the Chairman and Members of the Health Committee.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to submit my Eighteenth Annual Report on the work of the Public Health Inspectors' Department.

The Medical Officer of Health, Dr. Harry Summers, left the Department in September to take up an appointment with the Manchester Regional Hospital Board, and we wish him well in his new sphere of activity. It was pleasing to welcome back an old friend, Dr. F. P. Peach, in the capacity of Acting Medical Officer of Health. Other staff changes during the year were the departure of Mr. G. Keeling and Mr. C. S. Wensley, who obtained appointments as Public Health Inspectors at Bedford Rural District Council and High Wycombe Rural District Council. They were replaced by Mr. D. T. Owen from Rushden, and by Mr. C. Cater from Birkenhead, the latter being an Authorised Meat Inspector on full time abattoir duty.

Smoke control work has been the main activity during the year, but progress has also been made in other fields, including the clearance of unfit houses.

Once again, may I express my thanks to the Chairman and Members of the Health Committee for their support during the year. I am grateful to the Medical Officer of Health and the other Officers of the Council for their co-operation, and my Staff have earned my sincere thanks for an excellent year's work.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

A. McCartney.

Chief Public Health Inspector.

TABULATED SUMMARY OF SANITARY ADMINISTRATION

| | | | | | |
|--|-------|-------|-------|-------|-------|
| Total No. of inspections made | ..... | ..... | ..... | ..... | 8,537 |
| Total No. of complaints received | ..... | ..... | ..... | ..... | 1,086 |
| Total No. of notices served | ..... | ..... | ..... | ..... | 305 |
| Total No. of interviews with owners etc. | ..... | ..... | ..... | ..... | 721 |

ATMOSPHERIC POLLUTION

| | | | | | |
|--|-------|-------|-------|-------|-----|
| No. of smoke observations made | ..... | ..... | ..... | ..... | 42 |
| No. of visits made | ..... | ..... | ..... | ..... | 564 |
| No. of Notices served (Formal) | ..... | ..... | ..... | ..... | 2 |
| No. of Notices served (Informal) | ..... | ..... | ..... | ..... | 4 |
| No. of deposit gauges sited in the Borough | ..... | ..... | ..... | ..... | 1 |

The average monthly deposit of soot etc. for the past three years is as follows:

| | | | | | |
|--------------------|-------|-------|---------|---------|--------|
| | | | 1961 | 1962 | 1963 |
| Parish Church Site | ..... | ..... | 11 tons | 10 tons | 9 tons |

In common with other local authorities throughout the country, Wrexham has experienced a sense of frustration in its efforts to proceed with the establishment of further smoke control areas. Doubts as to the availability of suitable smokeless fuels at a reasonable price, and the suitability of some of the so called approved appliances, have put a brake on further progress in smoke control. Opponents of clean air have not been slow to take advantage of the present unsatisfactory state of affairs, and this has led to the deferment of a number of proposed smoke control areas, and, in some cases there has been a call for the rescinding of smoke control orders already in operation.

Towards the end of the year Circular 69/63 was forwarded to local authorities, and this contained important new instructions concerning revised grant arrangements for works of adaptation. The effect will be to make it considerably more expensive to establish smoke control areas in the future. However, I do not think that the question of the expense involved is a major bar to further progress. The main doubt in the public mind at the moment concerns the availability of suitable solid smokeless fuels. When a house-holder who wants to install an under-floor draught fire or a modern room heater asks the question—"Will there be adequate supplies of suitable fuel now and in the future?" we must be able to give a categoric reply in the affirmative to such a query. It is regrettable to have to say that no such assurance can be given at the moment to many householders

who are only too anxious to co-operate in the campaign for clean air. Clearly, the prevailing atmosphere of doubt must be removed, and much more definite information on future fuel policy be forthcoming before local authorities can proceed with confidence to establish further smoke control areas.

Despite the difficulties mentioned in the foregoing remarks, surveys have almost been completed for the establishment of two further smoke control areas in the Borough, and if the necessary assurances are forthcoming, an area of approximately 450 acres could soon be smoke controlled, involving about 1,200 houses. This includes a large area of new development now being undertaken by the Council.

Smoke control survey work is very time consuming as far as the duties of public health inspectors are concerned, and, in consequence, other duties have had to be curtailed.

DISINFESTATION

| | |
|----------------------------------|-----|
| No. of complaints received | 213 |
|----------------------------------|-----|

As stated in the Annual Report for 1962, this aspect of the work of the public health department continues to make increasing demands on time, money and materials. Twenty per cent. of the total complaints dealt with during the year were concerned with infestations of various pests, some with no public health significance whatsoever.

CINEMAS AND PLACES OF ENTERTAINMENT

| | |
|--------------------------------------|----|
| No. of inspections made | 20 |
| No. of informal Notices served | — |
| No. of Notices complied with | — |

CLOSETS

| | |
|--|----|
| Cleansed and linewashed | 1 |
| No. of water-closets repaired or reconstructed | 5 |
| No. of flushing cisterns repaired or renewed | 21 |
| No. of new water-closet pans or pedestals | 15 |
| No. provided with supply of water | 14 |
| Light and ventilation improved | 1 |

COMMON LODGING HOUSES

| | |
|-----------------------|-----|
| No. on Register | Nil |
|-----------------------|-----|

DRAINS

| | |
|--|----|
| Drains constructed or reconstructed | — |
| Repaired or cleansed | 15 |
| New inspection chambers | 2 |
| Ventilated | — |
| Gullies provided or renewed | 2 |
| New sinks provided | 3 |
| Sink waste pipes repaired or renewed | 4 |
| Soil and ventilating pipes repaired or renewed | — |

FACTORIES (EXCLUDING BAKEHOUSES)

| | |
|--|-----|
| No. of Factories in District (Mech.) | 190 |
| No. of Factories in District (Non-Mech.) | 49 |
| No. of inspections made | 50 |
| No. of contraventions found | 1 |
| No. of contraventions remedied | 1 |
| No. of contraventions outstanding at end of year | — |

INFECTIOUS DISEASES ENQUIRIES

| | |
|--|----|
| No. of investigations carried out | 46 |
| No. of specimens submitted for examination | 31 |
| No. of premises disinfected | 12 |

OFFENSIVE TRADES

| | |
|--|---|
| No. of businesses in District | 5 |
| No. of inspections made | 4 |
| No. of contraventions found | — |
| No. of contraventions remedied | — |
| No. of contraventions outstanding at end of year | — |

RODENT CONTROL

| | |
|--|-------|
| No. of complaints received of rat infestation | 123 |
| No. of premises found to be infested | 117 |
| No. of complaints received of mice infestation | 119 |
| No. of premises found to be infested | 161 |
| Total number of visits made | 2,703 |
| No. of sewer treatments carried out | 3 |

REMOVAL OF HOUSEHOLD REFUSE

| | |
|--|-----|
| No. of new dustbins provided by Statutory action | 124 |
|--|-----|

SANITARY DEFECTS REMEDIED

Dampness

| | |
|---|----|
| No. of roofs renewed or repaired | 19 |
| No. of eavesgutters and rainwater pipes repaired or renewed | 14 |
| Yard surfaces repaired or relaid | 3 |

Other Work

| | |
|--|----|
| No. of walls repaired | 17 |
| No. of walls rendered or repointed | 7 |
| No. of ceilings repaired | 2 |
| No. of floors repaired | 14 |
| No. of chimney stacks repaired or rebuilt | 1 |
| No. of firegrates repaired or renewed | — |
| No. of washing boilers repaired or renewed | 1 |
| Damp roof courses provided and dampness remedied | 6 |
| Ventilation improved | 2 |
| No. of doors and windows repaired or renewed | 31 |
| Rooms cleansed | — |
| Offensive accumulations removed..... | 2 |
| Sufficient water supply provided | 9 |
| Staircases repaired or renewed | 2 |
| Nuisances from animals abated | — |

SWIMMING BATHS AND POOLS

| | |
|--|----|
| No. of Swimming Baths in the District | 1 |
| No. of samples taken (Bacteriological) | 14 |
| No. of samples satisfactory | 14 |

TENTS, VANS, SHEDS, ETC.

| | |
|-----------------------------------|----|
| No. of inspections made | 34 |
| No. of contraventions found | — |

WATER SUPPLY

| | |
|---|----|
| No. of samples taken for Analysis | 14 |
| No. of samples satisfactory | 14 |

Two samples of water from different localities in the Borough were submitted to the Public Analyst for chemical analysis, with particular reference to fluoride content. The Public Analyst reports that one sample contained 0.2 parts per million and the other sample contained less than 0.1 parts per million. The chemical condition of both samples was certified as satisfactory.

WELL WATER

| | |
|-----------------------------------|----|
| No. of samples taken | 18 |
| No. of samples satisfactory | 11 |

The water from the Brynffynnon Well is not used for drinking purposes, but is used solely to supply the public swimming baths. The water is adequately filtered and chlorinated before being used for bathing purposes.

RIVER SWABS (RIVER GWENFRO)

| | |
|----------------------------|---|
| No. of samples taken | 2 |
| (No salmonellae isolated.) | |

HOUSING

Remedy of Defects during the year without Service of Formal Notices.

| | |
|---|----|
| No. of dwelling-houses where defects were remedied in consequence of informal action by the Local Authority or their Officers | 62 |
|---|----|

ACTION UNDER STATUTORY POWERS DURING THE YEAR

**(A) Proceedings under the Public Health Acts.
Public Health Act, 1936.
Section 93.**

| | |
|---|----|
| (1) No. of outstanding Notices carried over from previous year | 5 |
| (2) No. of dwelling-houses in respect of which Abatement Notices were served requiring defects to be remedied | 24 |
| (3) No. of dwelling-houses in which defects were remedied after service of Formal Notices: | |
| (a) By Owners | 25 |
| (b) By Local Authority in default of owners | — |
| (4) No. of Notices outstanding at end of year | 4 |

Section 45

| | |
|---|----|
| (1) No. of outstanding Notices carried over from previous year | 3 |
| (2) No. of dwelling-houses in respect of which Notices were served requiring defective water-closets to be repaired | 14 |
| (3) No. of dwelling-houses where defective water-closets were repaired after service of Formal Notices: | |
| (a) By Owners | 16 |
| (b) By Local Authority in default of owners | — |
| (4) No. of Notices outstanding at end of year | 1 |

Section 39

| | |
|---|----|
| (1) No. of outstanding Notices carried over from previous year | 6 |
| (2) No. of dwelling-houses in respect of which Notices were served for the renewing or repairing of existing drains | 14 |
| (3) No. of dwelling-houses where the existing drains were renewed and cleansed: | |
| (a) By Owners | 15 |
| (b) By Local Authority in default of owners | — |
| (4) No. of Notices outstanding at end of year | 5 |

Section 138 and Water Act, 1945. Section 30

| | | |
|-----|--|---|
| (1) | No. of dwelling-houses in respect of which Notices were served requesting Owner to provide water supply in pipes | 5 |
| (2) | No. of dwelling-houses in which water supply was provided after service of Formal Notices: | |
| (a) | By Owners | 5 |
| (b) | By Local Authority in default of owners | — |
| (3) | No. of Notices outstanding at end of year | — |

(B) Proceedings under Sections 9 and 10 of the Housing Act, 1957

| | | |
|-----|--|---|
| (1) | No. of dwelling-houses in respect of which Notices were served requiring repairs | — |
| (2) | No. of dwelling-houses which were rendered fit after service of Formal Notices: | |
| (a) | By Owners | — |
| (b) | By Local Authority in default of owners | — |

(C) Proceedings under Sections 16 and 17 of the Housing Act, 1957

| | | |
|-----|---|---|
| (1) | No. of dwelling-houses in respect of which Notices were served under Section 16 | 2 |
| (2) | No. of dwelling-houses in respect of which Demolition Orders were made | — |
| (3) | No. of dwelling-houses demolished in pursuance of Demolition Orders | — |
| (4) | No. of dwelling-houses in respect of which Closing Orders were made | 1 |
| (5) | No. of dwelling-houses closed in pursuance of Closing Orders | 1 |
| (6) | No. of dwelling-houses rendered fit in consequence of Undertaking given by Owner | — |
| (7) | No. of dwelling-houses in respect of which Undertaking from owners accepted not to re-let houses for human habitation | — |
| (8) | No. of Local Authority owned houses certified unfit by Medical Officer of Health | — |
| (9) | No. of Local Authority owned houses demolished in pursuance of Medical Officer of Health's Certificate | — |

(D) Proceedings under Section 18 of the Housing Act, 1957

| | | |
|-----|--|---|
| (1) | No. of separate tenements or underground rooms in respect of which Closing Orders were made | — |
| (2) | No. of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | — |

(E) Housing Act, 1957. Overcrowding

| | | |
|-----|--|-------------|
| (1) | (a) No. of dwellings overcrowded at the end of the year | } Not Known |
| | (b) No. of families dwelling therein | |
| | (c) No. of persons dwelling therein | |
| (2) | No. of new cases of overcrowding reported during the year | 7 |
| (3) | (a) No. of cases of overcrowding relieved during the year | 38 |
| | (b) No. of persons concerned in such cases | 143 |
| (4) | Particulars of any cases in which dwelling-houses again became overcrowded after the Local Authority had taken steps for the abatement of overcrowding | Not Known |

CLEARANCE OF UNFIT HOUSES

Four Compulsory Purchase Orders, involving 37 houses and 104 persons were submitted to the Minister of Housing and Local Government during the year. In addition, 7 houses involving 27 persons were purchased by agreement. Eighty-four persons were rehoused as a result of action taken during previous years. Since the clearance of unfit houses was resumed, action has been taken in respect of 858 houses and 2,896 persons.

IMPROVEMENT OF HOUSES

There was a slight increase in the number of applications received during the year. Fifty-six applications for standard grants were received, and 53 were approved. Ten applications for discretionary grants were received and all were approved.

THE RENT ACT, 1957

Details of work during the year are as follows:

| | |
|--|---|
| No. of Applications for Certificates of Disrepair (Form I) | 2 |
| No. of Decisions not to issue Certificates | — |
| No. of Proposals to Issue (Form J) | 2 |
| No. of Undertakings received (Form K)..... | 2 |
| No. of Certificates of Disrepair issued (Form L) | — |
| No. of Cancellations applied for (Form M) | — |
| No. of Cancellations issued | — |

SUPERVISION OF FOOD SUPPLIES

562 visits to food premises were made by the Public Health Inspectors during the year.

The standard of food premises continues to improve, but, unfortunately, the food hygiene habits of some food handlers do not. This emphasises the importance of the visits to food premises, when personal contact can be made between the Public Health Inspectors and food handlers at their place of work.

The undermentioned table gives details of the number and type of food premises within the Borough, and the number of inspections made during the year.

| | <i>No. in District</i> | <i>No. of inspections made</i> |
|---|----------------------------|------------------------------------|
| Bakehouses | 20 | 105 |
| Butchers Shops | 42 | 79 |
| Cafes, Restaurants and Snack Bars | 24 | 28 |
| Dairies and Milk Shops | 35 | 13 |
| Fried Fish Shops | 16 | 4 |
| Fruit and Greengrocers | 45 | 25 |
| General Provision Shops | 107 | 128 |
| Hotels and Public Houses | 53 | 15 |
| Ice-Cream Premises | 141 | 44 |
| Wet Fish Shops | 10 | 18 |
| Cake Shops | 15 | 51 |
| Sweet Shops | 43 | 54 |

The following canned and other foods were condemned as unfit for human consumption:

| | lb. | | lb. |
|----------------------------|-------|----------------------|-----|
| Tinned Foods | 4,203 | Potatoes | 168 |
| Fats | 1½ | Fish | 280 |
| Sago, Rice, etc. | 117 | Meat Pies | 19 |
| Cheese & Cheese Bits | 102 | Sausages | 33½ |
| Sugar | 4 | Fruit Juices | 45 |
| Preserves | 58 | Cereals | 16¾ |
| Flour | 72 | Meat | 724 |
| Puddings | 29¾ | Drinks | 31½ |
| Liver | 973 | Pickled Onions | 12 |
| Biscuits | 12½ | Jelly Powder | 10 |
| Tomato Juice | 5½ | Miscellaneous | 21½ |

Total: 6,939 lbs.

Percentage classifications are as follows:

| | | | | % | | lb. |
|--------------|-------|-------|-------|-------|---|-----------------------------------|
| Home | ..... | ..... | ..... | 44.9 | - | 3,120 ³ / ₄ |
| Commonwealth | ..... | ..... | ..... | 10.3 | = | 712 ³ / ₄ |
| Foreign | ..... | ..... | ..... | 44.8 | - | 3,105 ¹ / ₂ |
| | | | | 100.0 | = | 6,939 |

FOOD COMPLAINTS

Thirty-eight complaints concerning foodstuffs were investigated during the year, and legal proceedings were instituted in respect of 7 of these. Details are as follows:

| | <i>Fine</i> | | | <i>Costs</i> | | |
|--|-------------|----|----|--------------|----|----|
| | £ | s. | d. | £ | s. | d. |
| 1. Cream Puff affected with mould | 20 | 0 | 0 | 4 | 4 | 0 |
| 2. Chocolate Cake affected with mould..... | 10 | 0 | 0 | — | | |
| 3. Iced Fancies affected with mould | 10 | 0 | 0 | — | | |
| 4. Loaf containing metal nut | 20 | 0 | 0 | — | | |
| 5. Bacon infested with maggots | 40 | 0 | 0 | — | | |
| 6. Loaf affected with mould | 20 | 0 | 0 | — | | |
| 7. Skinless beef sausages affected with mould | 20 | 0 | 0 | — | | |

FOOD AND DRUGS ACT, 1955

A total of 44 formal samples and 6 informal samples were taken under the provisions of this Act during the year.

The articles sampled were as follows:

| <i>Formal</i> | | | | <i>Informal</i> | | | |
|---------------|-------|-------|----|-----------------|-------|-------|---|
| Milk | ..... | ..... | 44 | Milk | ..... | ..... | 6 |

All samples were reported as "Genuine."

I am indebted to Mr. T. H. Evans, Inspector of Weights and Measures, Denbighshire County Council, for the following details of his work in the Borough during the year.

| <i>Article</i> | <i>No. Taken</i> | <i>Genuine</i> | <i>Not Genuine, or Sub-standard</i> |
|-----------------|------------------|----------------|---|
| Milk | 59 | 59 | — |
| Butter | 2 | 2 | — |
| Margarine | 1 | 1 | — |
| Cooking Fat | 1 | 1 | — |
| Cheese Spread | 1 | 1 | — |
| Cakes | 1 | 1 | — |
| Cake Mixture | 1 | 1 | — |
| Marzipan | 1 | 1 | — |
| Pearl Barley | 1 | 1 | — |
| Oatmeal | 1 | 1 | — |
| Tinned Carrots | 1 | 1 | — |
| Tinned Tomatoes | 1 | 1 | — |
| Salt | 1 | 1 | — |
| Pepper | 1 | 1 | — |
| Fish Paste | 2 | 2 | — |
| Potted Shrimps | 1 | 1 | — |
| Sausages | 2 | 2 | — |
| Chutney | 1 | 1 | — |
| Tea | 1 | 1 | — |
| Coffee | 1 | 1 | — |
| Custard Powder | 1 | 1 | — |
| Jam | 1 | 1 | — |
| Sweets | 1 | 1 | — |
| Ice-Cream | 5 | 5 | — |
| Fresh Cream | 1 | 1 | — |
| Double Cream | 1 | 1 | — |
| Condensed Milk | 3 | 3 | — |
| Soft Drinks | 1 | 1 | — |
| Beer | 2 | 2 | — |
| Whiskey | 1 | 1 | — |
| Port Wine | 1 | 1 | — |
| TOTALS | 99 | 99 | — |

All the samples were certified by the Public Analyst to be free from all prohibited preservatives and colouring matter.

In addition to the milk samples submitted to the Public Analyst during the year, one hundred and three samples of milk taken from Schools and Institutions in the Borough of Wrexham were tested in this office by the Inspectors. All of these samples were found to be up to the presumptive standards prescribed by the Sale of Milk Regulations 1939.

DUTIES RELATING TO ICE-CREAM

There are 141 registered premises for ice-cream including two manufacturers. The shops selling ice-cream are supplied by eleven different makers.

During the year the following samples were taken:

| | | |
|----------------------------|---|----------|
| Bacteriological: 29 | These were graded as follows by the Public Health Laboratory Service: | |
| | Grade 1 | 23 |
| | Grade 2 | 2 |
| | Grade 3 | 2 |
| | Grade 4 | 2 |

Two ice-cream samples classified as Grade 4 were revealed in the course of routine sampling. They were manufactured at one of the North Wales coast towns, and it was ascertained from the local public health inspector that certain difficulties had been experienced at the place of manufacture. The matter was soon rectified, but, as a precaution, all supplies at the time were withdrawn from sale to the public.

Twelve samples were submitted to the Public Analyst for chemical analysis, and were found to be up to the required statutory standard.

INSPECTION OF MEAT

The number of animals slaughtered at the Abattoir during the year was 44,188, about 2,000 less than the previous year. The facilities that a discerning meat trader requires—hygienic working conditions, mechanical aids for slaughtering and dressing, cold storage, good welfare facilities, free grazing and lairage, and low slaughtering charges, are all provided, and yet the Abattoir is far from being fully used and remains a charge on the rates. Once again, one can only express disappointment at this unsatisfactory state of affairs, and hope that increased use of a first class slaughtering establishment may still be forthcoming in future years.

The new Meat Inspection Regulations came into force on October 1st, and these call for one hundred per cent. meat inspection and marking of meat, and allow for charges to be made for meat inspection. The administration of the new regulations has proceeded smoothly since they came into operation.

| | <i>Cattle Excluding Cows</i> | <i>Cows</i> | <i>Sheep and Lambs</i> | <i>Pigs</i> | <i>Calves</i> |
|---|--------------------------------------|-------------|--------------------------------|-------------|---------------|
| No. Slaughtered | 2,760 | 266 | 26,726 | 14,277 | 159 |
| No. Inspected | 2,760 | 266 | 26,726 | 14,277 | 159 |
| Disease except Tuberculosis and Cysticerci | | | | | |
| Whole carcasses condemned. | 4 | 14 | 60 | 30 | 28 |
| Carcasses of which some part or or- gan was con- demned. | 649 | 155 | 709 | 821 | 14 |
| % of No. in- spected affected with disease other than Tuber- culosis and Cys- ticerci. | 23.65 % | 63.5 % | 2.9 % | 5.9 % | 26.4 % |
| Tuberculosis | | | | | |
| Whole carcasses condemned. | — | — | — | 4 | — |
| Carcasses of which some part or or- gan was con- demned. | 4 | — | — | 239 | — |
| % of No. in- spected affected with Tuerculosis | .1 % | — | — | 1.7 % | — |
| Cysticercosis | | | | | |
| Carcasses of which some part or or- gan was con- demned. | 23 | — | — | — | — |
| Carcasses submit- ted to treatment by refrigeration. | 2 | — | — | — | — |
| Generalised and totally con- demned. | — | — | — | — | — |

During the year 33,457 frozen lamb carcasses were received into, and distributed from the Public Abattoir.

Total weight of meat condemned during the year:

17 tons—cwts. 1 qr. 18 lb.

**APPENDIX TO THE ANNUAL REPORT RELATING TO THE
ADMINISTRATION OF THE FACTORIES ACTS, 1937/1959.**

Part 1 of the Act

1. **INSPECTIONS** relating to provisions for health made by the Public Health Inspectors during 1962.

| | <i>No. on Register</i> | NUMBER OF | | |
|--|----------------------------|--------------------|----------------------------|---------------------------------|
| | | <i>Inspections</i> | <i>Written Notices</i> | <i>Occupiers Prosecuted</i> |
| (i) Factories where Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities. | 49 | 21 | 1 | — |
| (ii) Factories not included above where Section 7 is to be enforced by the Local Authority. | 190 | 29 | — | — |
| (iii) Other premises where Section 7 is to be en- forced by the Local Authority. | — | — | — | — |

2. Cases in which DEFECTS were found.

| | No. of cases with defects found | | | | |
|---|---------------------------------|-----------------|---|------------------------------|-------------------------|
| | <i>Found</i> | <i>Remedied</i> | <i>Referred To H.M. Inspector</i> | <i>By H.M. Inspector</i> | <i>Prose- cuted</i> |
| Sanitary conveniences (Section 7): | | | | | |
| (a) Insufficient | — | — | — | — | — |
| (b) Unsuitable or defective. | 1 | 1 | — | 1 | — |
| (c) Not separate for the sexes. | — | — | — | — | — |
| Total defects under Part 1 of the Act. | 1 | 1 | — | 1 | — |

Part VIII of the Act. Outwork (Sections 110 and 111.)

Nature of Work.

Section 110

| | <i>No. of out workers in August list as required by Sect. 110 (1) (c)</i> | <i>No. of cases of default in sending lists to the Council.</i> | <i>No. of Prosecutions for failure to supply lists.</i> |
|------------------------------------|---|---|---|
| Wearing apparel: making etc. | 1 | — | — |
| Curtains and furniture hangings | 2 | — | — |
| Furniture and upholstery | 1 | — | — |
| Total | 4 | — | — |

No instances relating to Section III (unwholesome premises) were known.

Abattoir Revenue Account for the Year Ended 31st March, 1963.

EXPENDITURE

| PREMISES AND PADDOCKS— | £ | s. | d. |
|--|--------|----|----|
| Electricity, Fuel and Water | 1,677 | 9 | 11 |
| Rates, Taxes, Tithe and Insurance | 866 | 1 | 8 |
| Maintenance and Repairs | 722 | 3 | 1 |
| Internal Painting | 228 | 14 | 6 |
| Removal of Manure, Inedible Offals and Ashes, and Emptying Settling Tank | 289 | 0 | 1 |
| Chemicals, Cleaning Requisites and Laundry | 98 | 7 | 2 |
| Wages..... | 1,983 | 6 | 8 |
| Equipment | 199 | 5 | 0 |
| Protective Clothing | 25 | 15 | 9 |
| Improved Lighting in Lairages | 114 | 19 | 4 |
| Additions to New Gut Cleansing Room and Pelt Store | 76 | 16 | 0 |
| Paddock cultivation and Tree Planting | 23 | 13 | 0 |
| Loan Charges— | | | |
| Principal | 2,122 | 7 | 2 |
| Interest | 872 | 12 | 1 |
| Debt Management | 7 | 15 | 3 |
| Cold Store | | | |
| Refrigerant | 37 | 17 | 0 |
| Insurance | 52 | 9 | 11 |
| Maintenance and Repair | 222 | 12 | 10 |
| Wages | 291 | 3 | 0 |
| GENERAL EXPENSES— | | | |
| Printing, Stationery and Advertisements | 19 | 0 | 2 |
| Telephone | 54 | 17 | 7 |
| Payments for Condemned Carcases Retained | 69 | 1 | 4 |
| Salaries, Superannuation and Insurance | 1,285 | 9 | 1 |
| | 11,390 | 17 | 7 |

INCOME

| | £ | s. | d. | £ | s. | d. |
|--|-------|----|----|-------|----|----|
| Tolls | 5,708 | 6 | 3 | | | |
| Sale of Manure | 66 | 0 | 0 | | | |
| Rent of Offices | 241 | 7 | 6 | | | |
| Rent of Refrigerator Space | 40 | 0 | 0 | | | |
| Sale of Condemned Meat and Offal | 107 | 15 | 1 | | | |
| Electricity recharged | 134 | 18 | 0 | | | |
| Parking Fees | 26 | 0 | 0 | | | |
| Cold Store Charges | 398 | 16 | 9 | | | |
| Cold Store Rent—F.M.C. | 1,200 | 0 | 0 | | | |
| | | | | 7,923 | 3 | 7 |
| Balance Borne by Rate Fund | | | | 3,467 | 14 | 0 |

11,390 17 7

